


TEREZ PA 6 7750 TD

PA6

Ter Plastics

Product Texts

 Unfilled impact modified Polyamide 6, industrial grade, medium-viscosity, good flowability.
 Moulding parts with high impact strength.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2200	MPa	ISO 527-1/-2
Tensile Strength	50	MPa	ISO 527-1/-2
Yield stress	55	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Strain at break	20	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	11	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	60	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	160	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	198	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
ISO Data			
Water absorption	8.5	%	Sim. to ISO 62
Humidity absorption	2.4	%	Sim. to ISO 62
Density	1120	kg/m ³	ISO 1183